

## Dräger Alcotest® 5000 Alcohol Screening Device

The Dräger Alcotest® 5000 is a professional breath-alcohol tester which detects the presence of alcohol. The high-speed breathalyser lets you perform numerous tests in no time. Its special funnel reduces the back-flow of expired air to a minimum, preventing the risk of infection to subsequent test subjects.



## Benefits

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### **Maximum control in minimum time with our fastest ever breathalyser**

With the Alcotest® 5000, you can test up to 12 people a minute to determine whether they have consumed alcohol or not. Especially for police and private security professionals, testing large numbers of people for intoxication in a short period of time presents a major challenge: for example, during large-scale operations, entrance checks at work sites, and stadiums, entry points to public transport and airport security checks. In the case of a positive test result, exact blood-alcohol levels can be calculated if necessary using Dräger alcohol screeners or court-approved evidential devices.

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### **High-precision rapid alcohol testing with hygienic funnel design**

The alcohol test takes place without the need for bodily contact with the test subject. There is no need to attach and detach mouthpieces, because testing requires the subjects simply to blow into a funnel. With its unique design, this special Dräger Alcotest 5000 funnel prevents the back-flow of the subject's own expired air and the inhalation of any pathogens from previous test subjects. After use, the funnel attachment is easily exchanged, providing assurance of a hygienic solution.

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### **Alcohol testing with simple operation and convenient oversight**

With its easy-to-use, single-button operation via the OK button, the Alcotest 5000 is the latest generation of Dräger's proven, simple-to-operate alcohol testing devices. Using its two additional arrow buttons, you can navigate easily and for example: view the latest test results, reset the test counter, check for the next scheduled calibration date, or set the menu to a different language. The instructions for the test process are language-neutral and easy to understand, thanks to symbols on the display.

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### **Breath-alcohol testing at a distance**

Where the tester and the test subject are not adjacent (for example, a driver seated in the cab of a lorry), the Alcotest 5000 features a 1/4" thread on the back of the device where a standard selfie stick can be attached. This speeds up the breath-alcohol testing process.

With just one change of batteries, the Alcotest 5000 can perform over 5,000 tests, whether actively (the test subject actively blows into the funnel attachment) and / or passively (for example, measuring alcohol in ambient air or suspicion of alcohol in beverages).

## Benefits

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### The Alcotest Hygiene Plus

Hygiene is an increasingly important part of our everyday lives. Dräger Alcotest breath-alcohol detection devices use non-invasive measuring technologies with a high degree of hygiene – for the user as well as the test subject – thanks to the following features:

- Funnel attachment is individually packaged
- Benefits of the replaceable funnel attachment:
  - no body contact with the test subject
  - blocks backflow of the test subject's own exhaled air, which prevents intake of potential pathogens from previous test subjects
- the threaded attachment point on the device attaches to an ordinary selfie stick (sold separately), creating even more space between user and test subject

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### Innovation born out of tradition

With over 65 years of experience, Dräger is the global market leader in the field of breath-alcohol testing. Police in many countries use devices from the Alcotest product series in everyday traffic monitoring. The Alcotest 5000 is made in Germany and meets the highest standards of quality. It uses the same, professional EC sensor technology, ensuring precise test performance and secure results.

## Details



D-31900-2020

1/4" thread for mounting a selfie stick



D-31901-2020

Optional reflector film set (yellow or orange)



D-31888-2020

Grips and wrist-straps for secure holding



D-31882-2020

"Test Progress Display" symbol



D-31878-2020

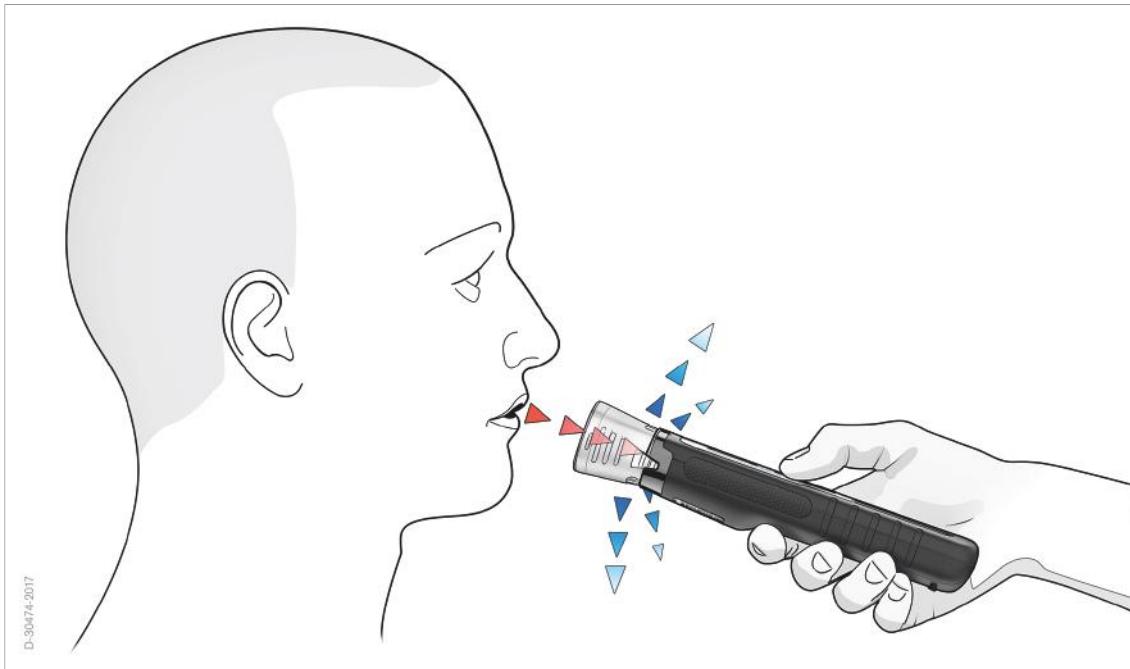
"No Alcohol Detected" symbol



D-31880-2020

"Alcohol Detected" symbol

## Alcotest® 5000 funnel



The special funnel attachment minimises the back-flow of expired air into the test subject's face. This hygienic innovation reduces the risk of infection from one test subject to the next.

## Accessories



### Alcotest funnel

Package unit: 10 pieces, hygienically and individually packaged with air outlets to minimise back-flow of expired air



## Accessories



D-27725-2017

### Alcotest® 5000 reflector film set

Additional reflector films, available in yellow or orange



D-17895-2017

### Alcotest® 5000 calibration adapter

Calibration attachment for adjusting and monitoring the Alcotest® 5000 with an alcohol simulation device.



D-9486-2014

### Energy supply

Alkaline battery (Mignon, LR6, AA, 1.5V)

## Related Products



### Dräger Alcotest® 6000

The Dräger Alcotest® 6000 allows the professional user to perform a breath alcohol test with speed and precision. The measuring technology of this small and user-friendly portable measuring device has already been proven worldwide and has been sold over 1,000,000 times.



### Dräger Alcotest® 6820

The fast and compact Dräger Alcotest® 6820 alcohol detection device meets the stringent requirements of professional breath-alcohol analysis. With its tried-and-tested DrägerSensor, this robust alcohol tester guarantees very rapid response times and precise test results in all weather conditions and can also be adapted to international guidelines.



### Dräger Alcotest® 7510

This compact and robust handheld breath alcohol measuring device is especially designed for advanced screening applications. Ideal for use by police, commerce and industry as an alcohol screening device. The Alcotest® 7510 can in many countries and markets be used as an evidential device.



### Dräger Alcotest® 9510

The Dräger Alcotest® 9510 is an advanced breath alcohol measuring device for applications admissible in a court of law. It is designed to comply with national and international requirements and regulations (OIML R 126, DIN VDE 0405, SR 941.210.4 (CH)). With dual sensor technology, intuitive colour touch screen interface, and modern design the Alcotest® 9510 sets the standard.

## Related Products



### Dräger DrugCheck® 3000

Use the Dräger DrugCheck® 3000 to find out within minutes if a person recently consumed certain drugs. The compact and quick saliva (oral fluid) based drug test yields reliable results affordably and easily. The non-invasive drug test kit does not require electricity and can therefore be used anywhere.



### Dräger DrugTest 5000

No pipetting, no drips, no timing: With the Dräger DrugTest 5000, a drug test is carried out simply and quickly. The collected saliva sample can be analyzed immediately – for accurate results on the spot.

## Technical Data

### Dräger Alcotest® 5000

Measuring range	0 to 0.029 mg/l → "Tick mark" symbol on the display screen means "No Alcohol Detected", visually supported by a green LED.
Standard sampling	From 0.030 mg/l → "X" symbol on the display screen means 'Alcohol Detected', visually supported by a red LED.
Start-up time	From 2.5 mg/L → Measuring range exceeded (↑↑↑)
Display of test results	Sampling starts automatically when the minimum volume or predefined blowing time is reached. Passive sampling can be done with or without a funnel. Sampling can be triggered manually while the test subject blows into the funnel.
Measurement basis	Ready to use approx. 4 sec. after switching on
Display	After approx. 2 sec. (at 0 to 0.029 mg/l); after approx. 6 sec. (at e.g. 0.5 mg/l, at room temperature).
LEDs	Electrochemical DrägerSensor®, alcohol-specific Graphic LCD display with backlight 32 x 22 mm (128 x 64 pixel)
Acoustic signals	Two-colours, for supporting test results and warning messages on the display
Memory	Various signal tones for supporting display and warning messages
Energy supply	Stores the latest 500 test results with test number, date and time 3x AA batteries, charge status shown on display; with the battery life from 3x AA batteries, more than 5,000 tests can be performed.
Funnel intake	Click adapter for funnel
Funnel	Hygienic, individually packaged with air outlets for minimising back-flow of expired air
Operating design	Test functions are started with the "OK" button; two arrow buttons are used to navigate through the menu.
Calibration	Wet- or dry-gas calibration with the Alcotest 5000 calibration adapter
Exterior	Impact-proof ABS/PC
Dimensions (W x H x D), Weight	Approx. 63 x 219 x 41 mm; approx. 245 g incl. funnel and batteries
Vibration and impact resistance	EN 60068-2-27, EN 60068-2-6; EN 60068-2-64
CE marking	EMC Directive
Standards	Contactless breath-alcohol testing devices are currently not subject to any standards
Internal clock	Warning 30 days before service interval expires
Service interval	24 months
Operating temperature	-15 °C to +50 °C
Air humidity	10 to 100 % relative humidity (not condensed and in operation)
Ambient pressure	600 to 1,300 hPa



## Ordering Information

Dräger Alcotest® 5000, V1 Languages: en, de, fr, es, nl, it, ca, pt	83 27 701
Dräger Alcotest® 5000, V2 Languages: en, pl, fi, sv, da, no, et, lt, lv	83 27 702
Dräger Alcotest® 5000, V3 Languages: en, ru, ek, sk, sl, cs, hu, bs, hr	83 27 703
Dräger Alcotest® 5000, V4 Languages: en, el, tr, bg, ro, sr, hi, he, ar	83 27 704
Dräger Alcotest® 5000, V5 Languages: en, ja, ko, zh, zh-hk	83 27 705
Dräger Alcotest® 5000, V6 Languages: en, zh-tw, ms, th, vi	83 27 706
Dräger Alcotest® 5000, V7 (without batteries) Languages: en, de, fr, es, nl, it, ca, pt	83 27 707
Alcotest® 5000 funnels, 10 pc., individually hygienically packaged	83 27 718
Reflector film set (yellow), Alcotest® 5000	83 27 742
Reflector film set (orange), Alcotest® 5000	83 27 743
Alkaline batteries (Mignon, LR6, AA, 1.5V) – 3 batteries required	13 35 804

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# Dräger



Head Office  
Ahjar Safety  
Street 81  
Misfa industrial Area  
Muscat  
Tel:+968-24437157  
Fax:24437158

[www.ahjarsafety.com](http://www.ahjarsafety.com)  
Email: safety@ahjartech.om